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DOCUMENT-IDENTIFIER: EP 895032 A2

TITLE: Method of spotting probe on solid support, probe array and method of manufacturing thereof, and method of detecting target substance and method of identifying structure of target substance using probe array

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INVENTOR-INFORMATION:

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APPL-NO: EP98306107

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JP28704697A
JP20991398A (August 1, 1997
October 20, 1997
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INT-CL (IPC): G01N033/543;C12Q001/68 ;C07K017/14
;C12N011/14 ;G01N033/53
;G01N033/63

ABSTRACT:

Provided is a method of spotting a probe densely and efficiently on a surface of a solid support. A liquid containing a probe is attached to a solid support as droplets to form spots containing the probe on the solid support by an ink jet method. <IMAGE>

CH₂ O (CH₂)₃ Si-CMe
CMe

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 83 OF 146 CAPLUS COPYRIGHT 2002 ACS
AN 1995:713669 CAPLUS
DN 123:144634
TI Preparation of **peptide** analogs and other oxazolone (azlactone)
derived materials.
IN Hogan, Joseph C., Jr.
FA Legomer Partners, L.P., USA
SO PCT Int. Appl., 134 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FI	WO 9400509	A1	19940106	WO 1993-US6240	19930630
	W:	AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GE, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NC, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US			
	PW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, ME, NE, SN, TD, TG			
	AU 9346591	A1	19940124	AU 1993-46591	19930630
	AU 678168	B2	19970522		
	EP 649443	A1	19950426	EP 1993-916883	19930630
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
	JP 08500576	T2	19960123	JP 1993-502661	19930630
	BR 9306656	A	19981208	BR 1993-6656	19930630
FRAI	US 1992-906756		19920630		
	US 1993-41562		19930402		
	WO 1993-US6240		19930630		
AB	AX(NHCFR1COG)nYB [A, B = bond, H, electrophilic group, nucleophilic group, amino acid deriv., nucleotide deriv., carbohydrate deriv., org. structural motif, reporter element, org. moiety contg. a polymerizable group, macromol. component, etc.; A and B are optionally connected to each other or to other structures; X, Y = bond, .gtoreq.1 C, N, S, O atom or combinations thereof; R, R1 = (substituted) alkyl, cycloalkyl, aralkyl, alkaryl, or heterocyclic derivs. thereof; G = connecting group, bond; n .gtoreq.1; with provisos], were prepd. The new mols. and fabricated materials are mol. recognition agents useful in the design and synthesis of drugs, and have applications in sepn. and materials science. Thus, human elastase inhibitor (I) was prepd. starting from (S)-2-methyllleucine via azlactone intermediates (II) and (III).				
IT	2530-83-8D, silica-bound RL: RCT (Reactant) (synthesis of coated silica supports for affinity chromatog.; prepn. of oxazolone (azlactone) derived materials)				
RI	2530-83-8 CAPLUS				
CN	Silane, trimethoxy[3-(oxiranylmethoxy)propyl]- (9CI) (CA INDEX NAME)				

O

CMe

CH₂ · O · (CH₂)₃ Si OMe

CMe

=>

LG ANSWER 141 OF 146 CAPLUS COPYRIGHT 2002 ACS
 AN 1979:152580 CAPLUS
 DN 90:152580
 TI Carboxyl-terminal sequential degradation of **peptides**
 AU Parham, M. E.; Loudon, G. Marc
 CS Dep. Chem., Cornell Univ., Ithaca, N. Y., USA
 SO Biochem. Biophys. Res. Commun. (1978), 80(1), 1-6
 CODEN: BBRCAS; ISSN: 0006-291X
 DT Journal
 LA English
 AB A Hofmann-type degradn. of **peptide** amides was used for the title degradn. CPG(O)-Pep-CONHCHRCONH2 [CPG = controlled pore glass, CPG(O) = CPG-Si(OMe)2(CH2)3OCH2CO, Pep-CO = **peptide** residue, R = side chain of C-terminal amino acid amide] was treated with PhI(O2CCF3)2 to give the isocyanate deriv. which was hydrolyzed in acid to give CPG(O)-Pep-CONHCHRNH3+ which was hydrolyzed at pH 7 and 100.degree. to give CPG(O)-Pep-CONH2 (I) and RCHO. I can be degraded by a repetition of the above procedure. This repetitive procedure was applied to eledoisin analog H-Lys-Phe-Ile-Gly-Leu-Met-NH2.
 IT **2530-83-8**
 FL: RCT (Reactant)
 (reaction of, with controlled pore glass)
 FN 2530-83-8 CAPLUS
 CN Silane, trimethoxy[3-(oxiranylmethoxy)propyl]- (3CI) (CA INDEX NAME)

